

## Contributors to This Issue

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**John A. Morrison**, B.Sc., 1952, King's College, University of London; Sc.M., 1954 and Ph.D., 1956, Brown University; Bell Laboratories, 1956—. Mr. Morrison has done research in various areas of applied mathematics and mathematical physics. He has recently been interested in queuing problems associated with data communications networks. He was a Visiting Professor of Mechanics at Lehigh University during the fall semester 1968. Member, American Mathematical Society, SIAM, IEEE, Sigma Xi.

**Roger N. Nucho**, B.S. (Physics), 1971, B.A. (Fine Arts), 1972, American University of Beirut; Ph.D. (Physics), 1977, Massachusetts Institute of Technology; Bell Laboratories, 1978—. Mr. Nucho was Research Associate at the University of Southern California in 1977-1978, during which time his main interest was the electronic structure of semiconductors. Since joining Bell Laboratories, he has been involved in designing special services facility networks which are insensitive with respect to forecast uncertainty. Member, Sigma Xi.

**Donald R. Smith**, A.B. (Physics), 1969, Cornell University; M.S. (Operations Research), 1974, Columbia University; Ph.D. (Operations Research), 1975, University of California, Berkeley; Bell Laboratories, 1980—. Before joining Bell Laboratories, Mr. Smith was employed at Adaptive Technology, Inc., 1970-1974, and was Assistant Professor in the Department of Industrial Engineering and Operations Research, Columbia University, 1975-1979. At Adaptive Technology, Mr. Smith

developed mathematical models for new techniques in statistical multiplexing. At Bell Laboratories he is in the Operations Research Center pursuing interests in applied stochastic processes, including queuing theory and reliability theory.

**Ward Whitt**, A.B. (Mathematics), 1964, Dartmouth College; Ph.D. (Operations Research), 1968, Cornell University; Stanford University, 1968-1969; Yale University, 1969-1977; Bell Laboratories, 1977—. At Yale University, from 1973-1977, Mr. Whitt was Associate Professor in the departments of Administrative Sciences and Statistics. At Bell Laboratories he supervises the Operations Research Analysis Group in the Operations Research Center. His work focuses on stochastic processes and stochastic models in operations research.

**Yehuda Vardi**, B.S. (Mathematics and Statistics), 1970, Hebrew University; M.S. (Operations Research), 1973, Technion; Ph.D. (Operations Research), 1977, Cornell University; Bell Laboratories, 1977-1980. At Bell Laboratories, Mr. Vardi worked on problems in operations research, financial management, statistical sequential analysis, and distribution theory and on estimation procedures in renewal processes.